Name: ..... **Class:**..... **Mark:**.....

(a) Describe what is meant by a compression software utility. [3]

(b) Companies need to make sure that they are storing personal data with adequate security. This usually means that they will use encrypted hard drives in all their computers.

Explain the meaning of the term encrypted hard drive. [2]

(c) A solicitor needs to send a client some information about a court case.

Explain why they will encrypt the files before sending them to a client. [2]

(d) A computer is running slowly when it tries to open or save files. The computer uses a hard disk and the read/write access light is flashing far more when files are accessed.

(i) State one type of software that is likely to solve this problem. [1]

(ii) For the answer you gave in part (d)(i), describe how it works to solve the problem of slow file access. [2]

[Total 10 marks]